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The action of phosphorus trichloride on the ethyl esters of orthopropionic and orthosilicic acids

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Abstract

1. When three molecules ef the ethyl ester of orthopropionic acid were reacted with one of phosphorus trichloride, the ethyl ester of propionic acid, triethyl phosphite, and the diethyl acetal of the ethyl ester of proponyl phasphinic acid were separated. 2. When two molecules of the ethyl ester of orthoptopionic acid reacted with one molecule ef phosphorus trichloride, the ethyl ester of propionic acid and the chloranhydride of diethylphosphorous acid were obtained. 3. When one molecule of the ethyl ester of orthopropionic acid reacted with one molecule of phosphorus trichloride, the ethyl ester of propionic acid and Menshutkin's ehloranhydride were obtained. phosphorus trichloride, Menshutkin's chlomantxydride and triethoxy monochlerosilane were obtained. © 1954 Consultants Bureau.

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